

IN THE CLAIMS:

Please cancel claims 1-14 without prejudice or disclaimer.

Listing of Claims

Claims 1-14 (canceled).

15. (New) An apparatus for at least reproducing  
information from

an optical record disk, said apparatus comprising:

a spindle motor for rotating said optical record disk;

a movable member having said spindle motor secured thereto  
and being arranged to be displaceable around an imaginary  
straight line substantially parallel to an imaginary plane which  
is parallel to a record surface of said optical record disk, in a  
direction toward said optical record disk as well as in a  
direction away from said optical record disk, said optical  
record disk and said spindle motor being coupled with each other  
under a condition that said movable member has been moved into a  
predetermined position;

a driving member moving rectilinearly in a straight  
direction substantially parallel to said imaginary plane and  
having an inclined portion which is inclined with respect to said  
imaginary plane, a part of said movable member being brought into  
contact with said inclined portion of said driving member at

least when said movable member being moved toward said predetermined position;

an optical head including at least an objective lens for projecting at least one light beam onto said optical record disk to at least read said information from said optical record disk under said condition that said movable member has been moved into said predetermined position;

a position detector for detecting said condition that said movable member has been moved into said predetermined position; and

a controller for initiating a rotation of said spindle motor after said position detector detects said condition that said movable member has been moved into said predetermined position.

16. (New) The apparatus according to claim 15, wherein when said movable member has been moved into said predetermined position and said imaginary plane is contacted with said record surface, a distance between said imaginary plane and said imaginary straight line is longer than a distance between said imaginary plane and a first surface portion of said driving member which is closest to said imaginary plane, but is shorter than a distance between said imaginary plane and a second surface

portion of said driving member which is most far from said imaginary plane.

17. (New) The apparatus according to claim 15, wherein said part of said movable member is urged against a surface portion of said driving member with a restoring force of a resilient member under said condition that said movable member has been moved into said predetermined position.

18. (New) The apparatus according to claim 17, wherein said part of said movable member is resiliently urged against said surface portion of said driving member in a direction away from said record surface.

19. (New) The apparatus according to claim 15, wherein said driving member is arranged to be slidable on a base member, one of said driving member and said base member includes at least one elongated hole and the other of said driving member and said base member includes at least one protrusion member which is engaged with said elongated hole.

20. (New) The apparatus according to claim 19, wherein said elongated hole is formed in said driving member and said protrusion member is formed on said base member.

21. (New) The apparatus according to claim 15, wherein a distance between said imaginary straight line and said inclined portion is longer than a distance between said imaginary straight line and a rotation shaft of said spindle motor.

22. (New) The apparatus according to claim 15, wherein when looked in a direction substantially perpendicular to said imaginary plane, a first surface portion and a second surface portion which is separated from said first surface portion in said straight direction are formed on said driving member, said position detector detects said condition that said movable member has been moved into said predetermined position on a basis of a change in an output signal from said position detector due to a displacement of a spatial portion comprised by said first surface portion, said second surface portion and a space between said first surface portion and said second surface portion.

23. (New) The apparatus according to claim 15, wherein said driving member is arranged movable in said straight

direction between a first given position and a second given position, and said driving member is moved from said first given position toward said second given position after said optical record disk has been installed into said apparatus.

24. (New) The apparatus according to claim 15, wherein said movable member is movably supported by a base member, and said spindle motor and said base member are coupled by a plurality of mutually linked members, and at least one member in said plurality of mutually linked members having resiliency.

25. (New) The apparatus according to claim 24, wherein said member having resiliency includes a through hole.

26. (New) The apparatus according to claim 24, wherein said member having resiliency includes a through hole and is formed substantially in a shape of a ring.

27. (New) The apparatus according to claim 24, wherein said member having resiliency is formed by a rubber-like member having a through hole.

28. (New) The apparatus according to any one of claim 25, 26 and 27, wherein at least a part of a screw member is arranged within said though hole.

29. (New) The apparatus according to claim 15, wherein a distance between said imaginary straight line and said position detector is longer than a distance between said imaginary straight line and a rotation shaft of said spindle motor under said condition that said movable member has been moved into said predetermined position.

30. (New) An apparatus for at least reproducing information from an optical record disk, said apparatus comprising:

- a spindle motor for rotating said optical record disk;
- a movable member having said spindle motor secured thereto and being arranged to be displaceable around an imaginary straight line substantially parallel to an imaginary plane which is parallel to a record surface of said optical record disk, in a direction toward said optical record disk as well as in a direction away from said optical record disk, said optical record disk and said spindle motor being coupled with each other under a

condition that said movable member has been moved into a predetermined position;

a driving member moving rectilinearly in a straight direction substantially parallel to said imaginary plane and having an inclined portion which is inclined with respect to said imaginary plane, a part of said movable member being brought into contact with said inclined portion of said driving member at least when said movable member being moved toward said predetermined position;

an optical head including at least an objective lens for projecting at least one light beam onto said optical record disk to at least read said information from said optical record disk under said condition that said movable member has been moved into said predetermined position;

a position detecting switch for detecting said condition that said movable member has been moved into said predetermined position, a distance between said imaginary straight line and said position detecting switch is longer than a distance between said imaginary straight line and a rotation shaft of said spindle motor under said condition that said movable member has been moved into said predetermined position; and

a controller for initiating a rotation of said spindle motor after said position detecting switch detects said condition that said movable member has been moved into said predetermined position.

31. (New) The apparatus according to claim 30, wherein when said movable member has been moved into said predetermined position and said imaginary plane is contacted with said record surface, a distance between said imaginary plane and said imaginary straight line is longer than a distance between said imaginary plane and a first surface portion of said driving member which is closest to said imaginary plane, but is shorter than a distance between said imaginary plane and a second surface portion of said driving member which is most far from said imaginary plane.

32. (New) The apparatus according to claim 30, wherein said part of said movable member is urged against a surface portion of said driving member with a restoring force of a resilient member under said condition that said movable member has been moved into said predetermined position.

33. (New) The apparatus according to claim 32, wherein said part of said movable member is resiliently urged against said surface portion of said driving member in a direction away from said record surface.

34. (New) The apparatus according to claim 30, wherein said driving member is arranged to be slidable on a base member, one of said driving member and said base member includes at least one elongated hole and the other of said driving member and said base member includes at least one protrusion member which is engaged with said elongated hole.

35. (New) The apparatus according to claim 34, wherein said elongated hole is formed in said driving member and said protrusion member is formed on said base member.

36. (New) The apparatus according to claim 30, wherein a distance between said imaginary straight line and said inclined portion is longer than a distance between said imaginary straight line and said rotation shaft of said spindle motor.

37. (New) The apparatus according to claim 30, wherein when looked in a direction substantially perpendicular to said imaginary plane, a first surface portion and a second surface portion which is separated from said first surface portion in said straight direction are formed on said driving member, said position detector detects said condition that said movable member has been moved into said predetermined position on a basis of a change in an output signal from said position detector due to a displacement of a spatial portion comprised by said first surface portion, said second surface portion and a space between said first surface portion and said second surface portion.

38. (New) The apparatus according to claim 30, wherein said driving member is arranged movable in said straight direction between a first given position and a second given position, and said driving member is moved from said first given position toward said second given position after said optical record disk has been installed into said apparatus.

39. (New) The apparatus according to claim 30, wherein said movable member is movably supported by a base member, and said spindle motor and said base member are coupled by a

plurality of mutually linked members, and at least one member in said plurality of mutually linked members having resiliency.

40. (New) The apparatus according to claim 39, wherein said member having resiliency includes a through hole.

41. (New) The apparatus according to claim 39, wherein said member having resiliency includes a through hole and is formed substantially in a shape of a ring.

42. (New) The apparatus according to claim 39, wherein said member having resiliency is formed by a rubber-like member having a through hole.

43. (New) The apparatus according to any one of claim 40, 41 and 42, wherein at least a part of a screw member is arranged within said though hole.